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## **Listing of Claims:**

This listing of claims replaces all prior versions, and listings, of claims in the captioned application.

1. (Original) A prodrug having the formula

the stereoisomeric form or salt thereof, wherein n is 1, 2, 3, 4 or 5;

Y is proline, alanine, hydroxyproline, dihydroxyproline, thiazolidinecarboxylic acid (thioproline), dehydroproline, pipecolic acid (L-homoproline), azetidinecarboxylic acid, aziridinecarboxylic acid, glycine, serine, valine, leucine, isoleucine and threonine;

X is selected from any amino acid in the D- or L-configuration;

X and Y in each repeat of [Y-X] are chosen independently from one another and independently from other repeats;

Z is a direct bond or a bivalent straight or branched saturated hydrocarbon group having from 1 to 4 carbon atoms;

 $R^1$  is an aryl, heteroaryl, aryloxy, heteroaryloxy, aryloxy $C_{1\text{-}4}$ alkyl, heterocycloalkyloxy, heterocycloalkyl $C_{1\text{-}4}$ alkyloxy, heteroaryloxy $C_{1\text{-}4}$ alkyloxy; heteroaryl $C_{1\text{-}4}$ alkyloxy;

 $R^2$  is arylC<sub>1-4</sub>alkyl;

 $R^3$  is  $C_{1-10}$ alkyl,  $C_{2-6}$ alkenyl or  $C_{3-7}$ cycloalkyl $C_{1-4}$ alkyl;

R<sup>4</sup> is hydrogen or C<sub>1-4</sub>alkyl;

aryl, when used alone or in combination with another group, means phenyl optionally substituted with one or more substituents each individually selected from the group consisting of  $C_{1-4}$ alkyl, hydroxy,  $C_{1-4}$ alkyloxy, nitro, cyano, halo, amino, mono- or di( $C_{1-4}$ alkyl)amino and amido;

heteroaryl, when used alone or in combination with another group, means a monocyclic or bicyclic aromatic heterocycle having one or more oxygen,

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sulphur or nitrogen heteroatoms, which aromatic heterocycle may optionally be substituted on one or more carbon atoms with a substituent selected from the group consisting of  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxy, amino, hydroxy, aryl, amido, monoor di( $C_{1-4}$ alkyl)amino, halo, nitro, heterocycloalkyl and  $C_{1-4}$ alkyloxycarbonyl, and which aromatic heterocycle may also be optionally substituted on a secondary nitrogen atom by  $C_{1-4}$ alkyl or aryl $C_{1-4}$ alkyl;

- heterocycloalkyl, when used alone or in combination with another group, means a saturated or partially unsaturated monocyclic or bicyclic heterocycle having one or more oxygen, sulphur or nitrogen heteroatoms, which heterocycle may optionally be substituted on one or more carbon atoms with a substituent selected from the group consisting of C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxy, hydroxy, halo and oxo, and which heterocycle may also be optionally substituted on a secondary nitrogen atom by C<sub>1-4</sub>alkyl or arylC<sub>1-4</sub>alkyl.
- 2. (Original) A prodrug as claimed in claim 1 wherein each X independently is selected from a naturally occurring amino acid.
- 3. (Previously Presented) A prodrug as claimed in claim 1 wherein n is 1, 2 or 3.
- 4. (Previously Presented) A prodrug as claimed in claim 1 wherein n is 2 or 3 and wherein at least one X is an hydrophobic or aromatic amino acid.
- 5. (Previously Presented) A prodrug as claimed in claim 1 wherein n is 2 or 3 and wherein at least one X is an neutral or acidic amino acid.
- 6. (Previously Presented) A prodrug as claimed in claim 1 wherein n is 2 or 3 and wherein at least one X is a basic amino acid.
- 7. (Previously Presented) A prodrug as claimed in claim 1 wherein -(Y-X)<sub>n</sub> comprises amino-terminally X-Pro, X-Ala, X-Gly, X-Ser, X-Val, or X-Leu.
- 8. (Previously Presented) A prodrug as claimed in claim 1 wherein -(Y-X)<sub>n</sub> comprises amino-terminally X-proline or X-alanine.
- 9. (Previously Presented) A prodrug as claimed in claim 1wherein each Y independently is proline, alanine, glycine, serine, valine or leucine.

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10. (Previously Presented) A prodrug as claimed in claim 1wherein each Y independently is proline or hydroxyproline or dihydroxyproline or alanine.

- 11. (Previously Presented) A prodrug as claimed in claim 1 wherein each Y independently is proline or alanine.
- 12. (Previously Presented) A prodrug as claimed in claim 1wherein  $-(Y-X)_n$  is  $-(Y-X)_{1 \text{ or } 2}-Y-V$ al.
- 13. (Previously Presented) A prodrug as claimed in claim 1 wherein  $-(Y-X)_n$  is  $-(Y-X)_{1 \text{ or } 2}$ -Pro-Val.
- 14. (Previously Presented) A prodrug as claimed in claim 1wherein the (Y-X)<sub>n</sub> oligopeptide is built up with (Y-X) repeats selected from the group consisting of Pro-Val, Pro-Asp, Pro-Ser, Pro-Lys, Pro-Arg, Pro-His, Pro-Phe, Pro-Ile, Pro-Leu, Ala-Val, Ala-Asp, Ala-Ser, Ala-Lys, Ala-Arg, Ala-His, Ala-Phe, Ala-Ile and Ala-Leu.
- 15. (Previously Presented) A prodrug as claimed in claim 1wherein R<sup>1</sup> is heterocycloalkyloxy, heteroaryl, heteroarylC<sub>1-4</sub>alkyloxy, aryl or aryloxyC<sub>1-4</sub>alkyl.
- 16. (Previously Presented) A prodrug as claimed in claim 1wherein R<sup>1</sup> is hexahydrofuro[2,3-b]furan-3-yl-oxy, tetrahydrofuran-3-yl-oxy, quinolin-2-yl, thiazol-5-ylmethyloxy, 3-hydroxy-2-methyl-1-phenyl, 2,6-dimethylphenoxymethyl.
- 17. (Previously Presented) A prodrug as claimed in claim 1 wherein R<sup>1</sup> is hexahydrofuro[2,3-b]furan-3-yl-oxy, tetrahydrofuran-3-yl-oxy, quinolin-2-yl, thiazol-5-ylmethyloxy, 3-hydroxy-2-methyl-1-phenyl, 2,6-dimethylphenoxymethyl.
- 18. (Previously Presented) A prodrug as claimed in claim 1 wherein R<sup>1</sup> is (3R, 3aS, 6aR)-hexahydrofuro[2,3-b]furan-3-yl-oxy.
- 19. (Previously Presented) A prodrug as claimed in claim 1wherein R<sup>2</sup> is phenylmethyl; R<sup>3</sup> is isobutyl and R<sup>4</sup> is hydrogen.

- 20. (Previously Presented) A prodrug as claimed in claim 1wherein Z is methylene.
- 21. (Original) A prodrug according to claim 1 wherein the prodrug is

22. (Original) A prodrug according to claim 1 wherein the prodrug is

23. (Original) A prodrug according to claim 1 wherein the prodrug is

- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Withdrawn) A method of preventing or treating HIV infection comprising administering to a host a prodrug according to claim 1 in an amount effective to prevent or treat the HIV infection.
- 27. (Previously Presented) A pharmaceutical preparation comprising an effective dose of a prodrug according to claim 1.
- 28. (Withdrawn) A method for modulating the water solubility, modulating plasma protein binding and/or the bioavailability of a therapeutic compound

$$\begin{array}{c|c}
 & & & & & & & & & & \\
R^1 & & & & & & & & & \\
R^1 & & & & & & & & \\
N & & & & & & & & \\
N & & & & & & & & \\
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said method comprising coupling a peptide of formula H- $(X-Y)_n$  to said prodrug wherein n, X, Y,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and Z are as defined in claim 1 and wherein the resulting conjugate is cleavable by a dipeptidyl-peptidase.

- 29. (Withdrawn) A method according to claim 28 wherein the dipeptidyl-peptidase is CD26.
- 30. (Withdrawn) A method of producing a prodrug of a therapeutic compound

$$\begin{array}{c|c}
O & R^2 \\
N & S \\
N & O
\end{array}$$

$$\begin{array}{c|c}
O & Z \\
NH & O
\end{array}$$

$$\begin{array}{c|c}
O & Z \\
NH & O
\end{array}$$

$$\begin{array}{c|c}
O & Z \\
NH & O
\end{array}$$

$$\begin{array}{c|c}
O & Z \\
NH & O
\end{array}$$

$$\begin{array}{c|c}
O & Z \\
NH & O
\end{array}$$

wherein said prodrug is cleavable by a dipeptidyl-peptidase, said method comprising linking a therapeutic compound and a peptide of formula H- $(X-Y)_n$  wherein n, X, Y,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and Z are as defined in claim 1, wherein the resulting conjugate is cleavable by a dipeptidyl-peptidase.

31. (Withdrawn) A method according to claim 30 wherein the dipeptidyl-peptidase is CD26.